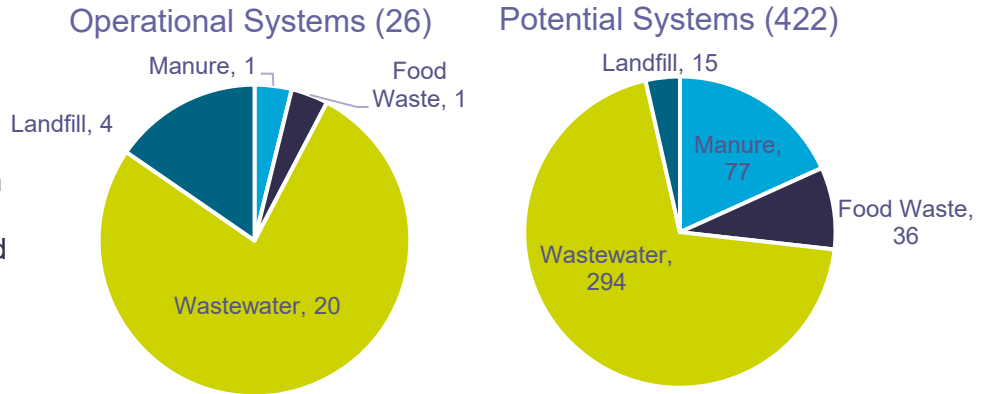


# COLORADO

## BIOGAS STATE PROFILE



Colorado ranks **27<sup>th</sup>** out of 50 states for its biogas production potential. We estimate up to 14.73 billion cubic feet of renewable methane from biogas could be produced each year for energy, fuel, heat, and more!



## THE POWER OF 23.01 BILLION CUFT OF BIOGAS:

### ENERGY POTENTIAL:

- **1233 million** kW·h electricity and **480 million** BTU/h by engine; OR
- **2063 million** kW·h electricity and **3438 million** kW·h by fuel cell; OR
- **299 thousand** gallons vehicle fuel; OR
- **109 million** kW·h heat.

### ECONOMIC GROWTH:

Constructing 422 new systems would generate about...

- **\$1.27 billion** in capital investments,
- **10543** construction jobs, AND
- **700** permanent jobs.

## REDUCE GREENHOUSE GAS EMISSIONS EQUIVALENT TO:

- Growing **650 million** coniferous tree seedlings for 10 yrs, OR
- Replacing **90000** acres of forest, OR
- Removing **1453 thousand** cars from the road.

## BIOGAS SYSTEMS CAN RECYCLE:

Type	Production	Biogas
<b>Manure (total)</b>	5.8 million tons/yr	11.6 billion cuft/yr
<i>Broiler</i>	-	
<i>Dairy</i>	4.5 million tons/yr	
<i>Swine</i>	1.3 million tons/yr	
<i>Turkey</i>	-	
<b>Food Waste</b>	1.79 million tons/yr	9.76 billion cuft/yr
<b>Landfill</b>	-	-
<b>Wastewater Facility*</b>	291 gallons/day	1.68 billion cuft/yr
<b>Total Biogas</b>	-	23.01 billion cuft/yr

\*Wastewater facility greater than 1 MGD